XP-002161139

AN - 1986-004887 [01]
A - [001] 014 02& 028 031 034 06- 061 062 063 071 109 111 147 15- 198 20- 200 264 266 27& 28& 303 308 310 311 318 323 325 327 329 331 336 337 36& 368 386 392 393 397 398 402 408 409 41- 436 437 47- 479 512 532 536 54& 541 575 592 593 597 600 604 608 609 656 679 691 720 721
AP - JP19840089511 19840507
CPY - TOAG
DC - A14 A81 A82 G02 G03
DR - 0610-U 2020-U
FS - CPI
IC - C08K3/22 ; C08L27/04 ; C09J3/14
KS - 0008 0013 0069 0209 0226 0762 0839 1013 1034 1279 1590 1604 2027 2066 2106 2123 2218 2261 2272 2275 2277 2279 2307 2326 2331 2335 2336 2386 2504 2541 2542 2560 2572 2600 2651 2656 2667 2682 2684 2792 3252
MC - A04-E01 A08-A04A A08-M01C A08-M07 A12-A05B A12-B01F A12-S09 G02-A02D G02-A02D2 G03-B02D G03-B02D2
PA - (TOAG ) TOA GOSEI CHEM IND LTD
PN - JP60233139 A 19851119 DW198601 005pp
- JP62018576B B 19870423 DW198720 000pp
PR - JP19840089511 19840507
XA - C1986-002323
XIC - C08K-003/22 ; C08L-027/04 ; C09J-003/14
AB - J60233139 Compsn. comprises 100 pts.wt. polymer powder having 5-200 microns average particle size consisting of vinyl chloride units, vinylidene chloride units, methallyl chloride units or allyl chloride units; and 1-20 pts.wt. aluminium hydroxide having 1-50 microns average particle size.
- Pref. proportions of vinyl chloride unit, vinylidene chloride unit, (meth)allyl chloride unit, are 4-95, 4-95, and 0.5-20 wt.%, respectively. The polymer powder is pref. prepd. by suspension polymerisation using a copolymer of ethylene oxide with propylene oxide, etc. as suspending agent, and benzoyl peroxide as catalyst. Particle size is achieved by polymerisation or by mechanical crushing of the obtd. polymer. Suitable aluminium hydroxide is of formula Al(OH)3. The polymer powder and aluminium hydroxide are mixed by dry blending or by adding aluminium hydroxide to a slurry of the polymer powder, mixing in the aq. dispersion, sepg. by centrifuge, and then drying by fluidising in an air stream. By this method, a uniformly mixed compsn. is obtd..
- USE/ADVANTAGE - Compsn. comprises polymer powder having high compatibility with aluminium hydroxide, low melt-flow temp. (150-170 deg.C), high heat decomposition temp. (210 -220 deg.C), high peel strength, and high resistance to blocking. The compsn. is useful as adhesive agent, and paint, esp. hot-melt adhesive.(0/0)
AW - POLYVINYL POLYVINYLIDENE
AKW - POLYVINYL POLYVINYLIDENE
IW - POWDER COMPOSITION ADHESIVE PAINT COMPRISE ALUMINIUM HYDROXIDE PVC PVDC METHALLYL CHLORIDE ALLYL CHLORIDE
IKW - POWDER COMPOSITION ADHESIVE PAINT COMPRISE ALUMINIUM HYDROXIDE PVC PVDC METHALLYL CHLORIDE ALLYL CHLORIDE
NC - 001

OPD - 1984-05-07
ORD - 1985-11-19
PAW - (TOAG ) TOA GOSEI CHEM IND LTD
TI - Powd r compsn. for adh sives, paints etc. - comprises aluminium hydroxid and PVC, PVDC, methallyl chlorid or allyl chlorid